nanomaterials

Supplementary Materials: The Adsorption of Methylene Blue on Eco-Friendly Reduced Graphene Oxide

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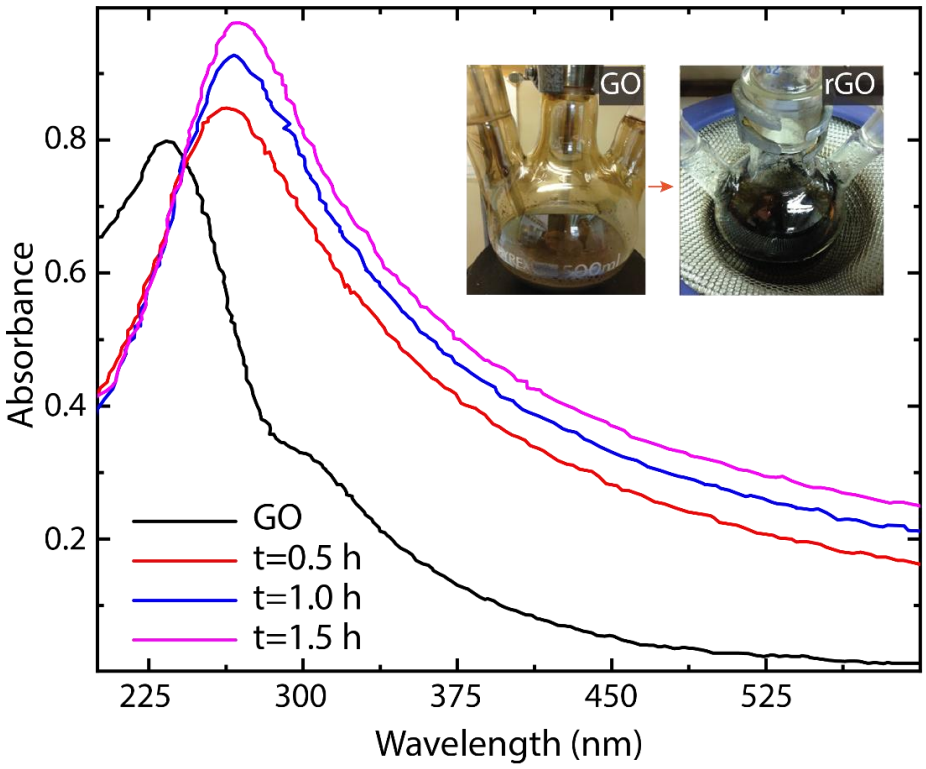

Figure S1. UV-Vis spectra recorded in aqueous solutions at 0.1 mg/mL of rGO considering different reduction times (0.5 h, 1.0 h and 1.5 h). The intensity was normalized by the predominant peak.

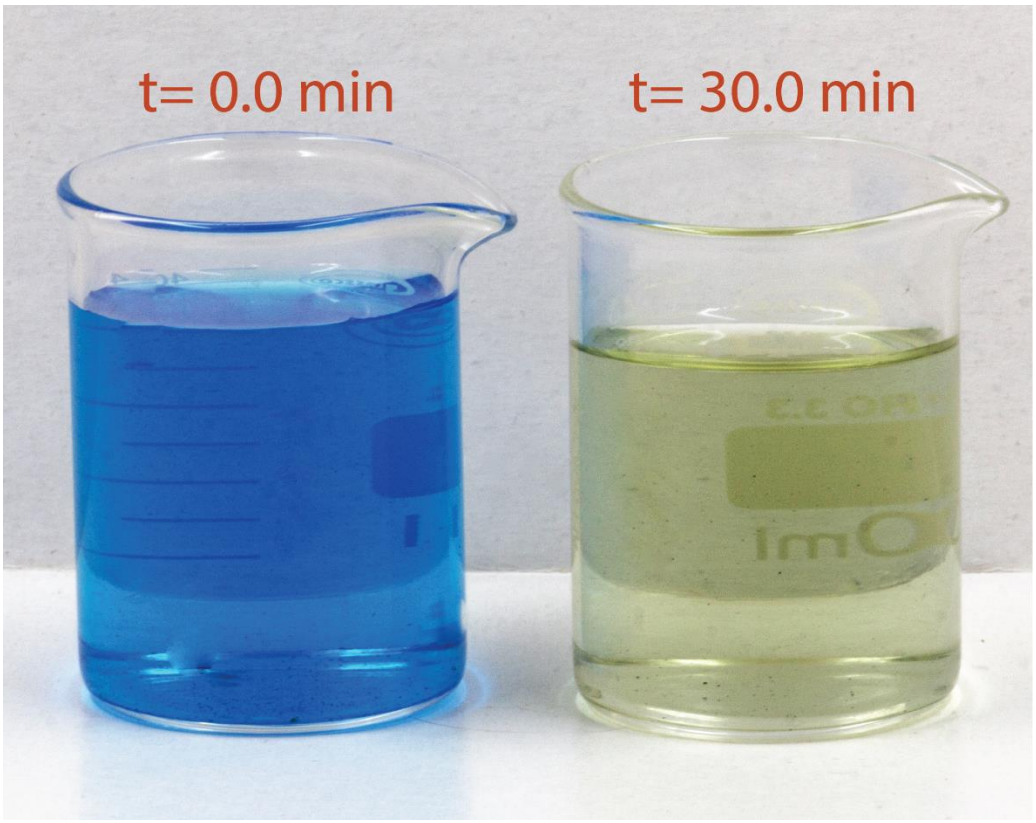

Figure S2. Optical image for adsorption of MB onto rGO at T = 298 K. The MB-rGO suspension was centrifugated at 3000 rpm for 5 min after 30 min of contact time.

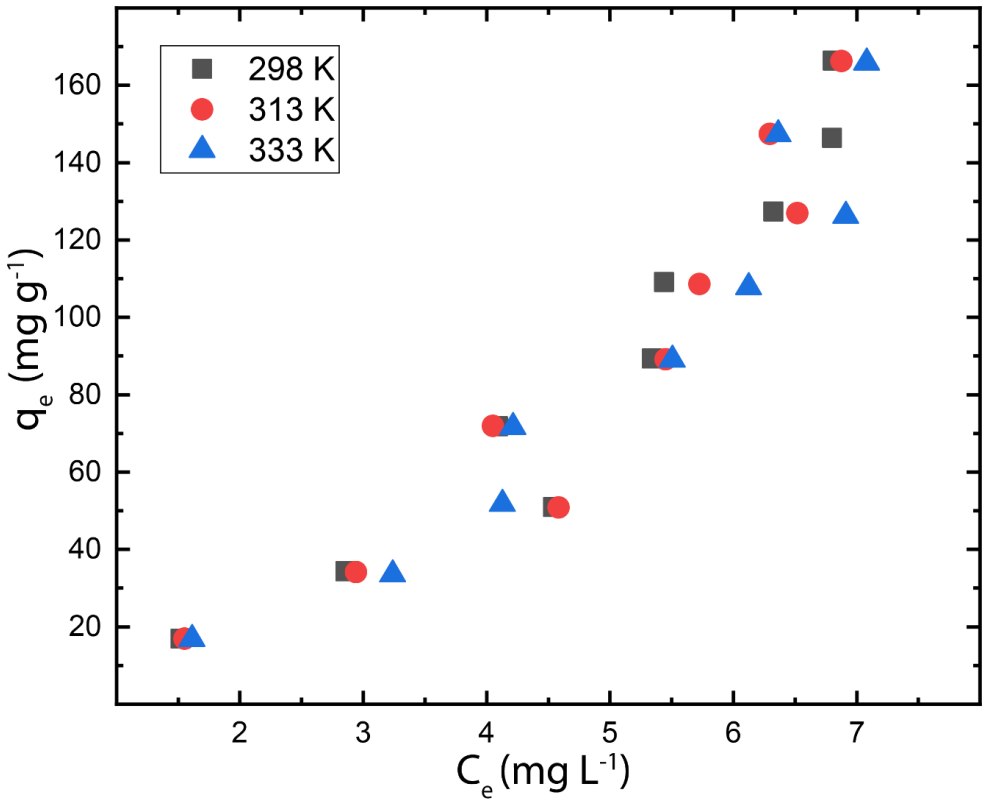

Figure S3. Experimental adsorption isotherms for the removal of MB at different temperatures.